

Recombinant Human PIK3AP1 Protein, His tagged

Cat. No. PIK3AP1-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PIK3AP1 protein (462-650 aa) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	462-650 aa
Description	Predicted to enable phosphatidylinositol 3-kinase regulatory subunit binding activity and signaling receptor binding activity. Predicted to be involved in positive regulation of phosphatidylinositol 3-kinase/protein kinase B signal transduction; regulation of inflammatory response; and regulation of innate immune response. Predicted to be located in membrane. Predicted to be active in cytosol.
Molecular Mass	23 kDa
AA Sequence	MLQASTSNPIPGDGFSRATKDSMIRKFLEGNSMGMTNLERDQCHLGQEEDVYHTV DDDEAFSVDLASRPPVPVPRPETTAPGAHQLPDNEPYIFKVFAEKSQERPGNFYVS SESIRKGPPVRPWRDRPQSSYDPFAGMKTPGQRQLITLQEQVKLGIVNVDEAVLHF KEWQLNQKKRSESFRFQQENLHHHHHHHH
Endotoxin	< 1 EU/μg by LAL.
Purity	> 90 % by SDS-PAGE

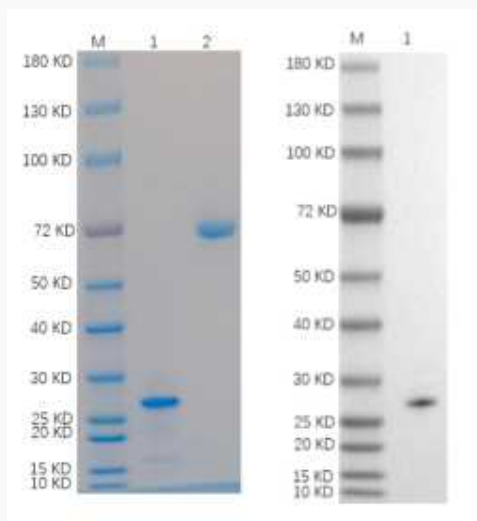
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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile PBS, pH8.3, 10 % Glycerol, 8 % Trehalose
Concentration	1 mg/mL by BCA
GENE INFORMATION	
Gene Name	PIK3AP1 phosphoinositide-3-kinase adaptor protein 1 [Homo sapiens (human)]
Official Symbol	PIK3AP1
Synonyms	PIK3AP1; phosphoinositide-3-kinase adaptor protein 1; phosphoinositide 3-kinase adapter protein 1; BCAP; FLJ35564; B cell adaptor protein; B-cell adapter for phosphoinositide 3-kinase; B-cell phosphoinositide 3-kinase adapter protein 1; RP11-34E5.3
Gene ID	118788
mRNA Refseq	NM_152309
Protein Refseq	NP_689522
MIM	607942
UniProt ID	Q6ZUJ8

Reducing 4 %-20 %
SDS-PAGE (CBB
stained) and WB
(Anti-His Mouse
Monoclonal
antibody) analysis
profiles of purified
PIK3AP1.



1. PIK3AP1: 1 μ g

2. BSA: 1 μ g

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